

Abstract

A method for transmitting data blocks from a data source (1) to a data sink (8) on a bus (5), which supports the transmission of frames having a variable and limited number n of data elements, has the following steps:

- a) transmitting (S2), from the data sink (8) to the data source (1), control information which specifies at least the number N of data elements contained in a block to be transmitted;
- b) if $N > n$, transmitting (D4) $\text{int}(N/n)$ frames each containing n data elements of a block to be transmitted and transmitting a frame having $(N \bmod n)$ data elements of the block to be transmitted from the data source (1) to the data sink (8), $\text{int}(N/n)$ being the largest integer which is less than or equal to N/n ;
- c) recognizing the transmission of a block as complete (S9) by the data sink (8) if the number of data elements received in step b) agrees with the number N specified in the control information.